

REMARKS

Status of Claims.

Claims 1-18 are pending in the application.

§ 112 Rejection.

Claims 1-16 stand rejected under 35 U.S.C. § 112, first paragraph for the reasons stated in paragraphs 3-4 of the outstanding Office Action.

By way of the instant amendment, applicant has amended independent claims 1, 6 and 7 in order to remove the basis for the § 112 rejection. In particular, claim 1 has been amended to recite that the controller “controls the supply of” the intermediate correlation signal. Thus, while the examiner is correct in that the detail embodiment of fig. 1 shows the multiplier directly supplying the intermediate correlation signal (after being multiplied by coefficients from the coefficient generator 122) to the input terminals of the adder, it is the controller which controls the supply of such signals since the controller generates the enable signals fed to the buffer thus providing the selection of the intermediate correlation signal from the buffer or from the RAM. Thus, applicant has indicated that the controller, rather than supplying the intermediate correlation signal, controls the supply of the intermediate correlation signal. It is submitted that the amendment to claim 1 clearly removes the basis for the § 112, paragraph 1 rejection and that claim 1 fully complies with the provisions with 35 U.S.C. § 112.

As to independent claim 6, applicant has added that the first data is supplied to the adder “via a multiplier” so as to comport more closely to the particular embodiment of fig. 1. Claim 7 has been amended to recite not only the multiplier but also has been amended to recite that the controller “controls the supply” to the adder of the first correlation signals. It is thus submitted that the basis for the rejection of claims 6 and 7 has been removed and that independent claims 6 and 7 likewise fully comply with the provisions of 35 U.S.C. § 112.

Applicant's dependent claims 2-5 and 8-16 depend directly or indirectly upon independent claims 1, 6 and 7 and are likewise deemed to fully comply with the provisions of 35 U.S.C. § 112.

It is noted that no art rejections are applied to any of the claims. It is further noted that claims 17 and 18 stand allowed.

It is thus submitted that all outstanding issues have been resolved and that the instant application is in condition for allowance and an early indication of same is earnestly solicited.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

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